

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method of producing a transgenic turfgrass plant, comprising the steps of:
 - (a) culturing organogenic ~~providing regenerable~~ callus tissue from the turfgrass plant on a medium that promotes de-differentiation of the tissue, to produce regenerable callus tissue;
 - (b) inoculating the callus tissue with *Agrobacterium* carrying at least one vector for transformation, the vector comprising virulence genes from plasmid pSB1 or pSB4, in which vector is inserted a heterologous DNA construct and a selectable marker conferring antibiotic resistance to transformed cells, wherein the DNA construct and selectable marker are operably linked to a promoter from a monocotyledonous species;
 - (c) culturing the inoculated callus tissue under conditions that enable the *Agrobacterium* vector to transform cells of the issue;
 - (d) selectively culturing the inoculated callus tissue on a selection medium comprising an antibiotic, wherein the transformed cells are resistant to the antibiotic; and
 - (e) regenerating a transformed turfgrass plant from the selectively cultured callus tissue.
2. (Original) The method of claim 1, wherein the turfgrass is a species selected from the group consisting of creeping bentgrass, tall fescue, velvet bentgrass, perennial ryegrass, hard fescue, Chewings fescue, strong creeping fescue, colonial bentgrass and Kentucky bluegrass.
3. (Currently amended) The method of claim 1, wherein the *Agrobacterium* ~~comprises a~~ vector for transformation is a hybrid vector produced from plasmids pSB1 and pSB11 binary vector system and the virulence genes therein are obtained from a plasmid within *Agrobacterium tumefaciens* strain 281.
4. Canceled.

5. (Original) The method of claim 1, wherein the promoter is selected from the group consisting of maize ubiquitin gene promoters, rice actin gene promoters, maize *Adh* 1 gene promoters, rice or maize tubulin (*Tub* A, B or C) gene promoters, and alfalfa *His* 3 gene promoters.

6. (Original) The method of claim 1, wherein the selectable marker gene confers hygromycin resistance on transformed tissue.

7. (Currently amended) The method of claim 1, wherein the organogenic tissue is seed tissue ~~callus is obtained by culturing seeds of a turfgrass plant on a medium that promotes de-differentiation of plant tissue.~~

8. (Original) A transgenic turfgrass plant prepared by the method of claim 1.

9. (Previously presented) A transgenic seed of the turfgrass plant of claim 8.

10. (Original) The transgenic turfgrass plant of claim 8, which comprises a transgene selected from the group consisting of:

- (a) a gene encoding glucose oxidase;
- (b) a gene encoding citrate synthase;
- (c) a gene encoding Δ -9 desaturase from *Saccharomyces cerevisiae* or *Cryptococcus curvatus*;
- (d) a gene encoding Δ -11 desaturase;
- (e) a gene encoding a plant homolog of the neutrophil NADPH oxidase;
- (f) a gene encoding bacteriospin from *Halobacterium halobium*; and
- (g) a gene encoding pokeweed antiviral protein.

11 – 21. Canceled.